

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000894

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: C12Q 1/68 C12N 15/12 G01N 33/52

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

SEE ELECTRONIC DATABASES

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SEE ELECTRONIC DATABASES

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Medline, CaPlus, Biosis, WPIDS (chromosom?, aberrat?, preimplant?, diagnos?, aneuploid?, flow cytometry, cytometric bead array, bead, micro, particle, multiplex, intensity, size)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO2002 040698 A (SURROMED INC) 23 May 2002. See whole document.	1-23
X	Cook, E.B. <i>et al.</i> 2001. Simultaneous measurement of six cytokines in a single sample of human tears using microparticle-based flow cytometry: allergics vs. non-allergics. <i>Journal of Immunological Methods</i> . 254:109-118. See whole document.	1-6
X	Spiro, A. <i>et al.</i> 2000. A bead-based method for multiplexed identification and quantification of DNA sequences using flow cytometry. <i>Applied and Environmental Microbiology</i> . 66(10):4258-4265. See whole document.	1-23

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
16 September 2004

Date of mailing of the international search report
21 SEP 2004

Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer

DAVID OLDE
Telephone No : (02) 6283 2569

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000894

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO1997014028 A (Luminex Corporation) 17 April 1997 See whole document	1-23
A	Wilton, L. 2002. Preimplantation genetic diagnosis for aneuploidy screening in early human embryos: a review. <i>Prenatal Diagnosis</i> . 22:512-518. See whole document.	1-23
A	Lomax, B. <i>et al.</i> 2000. Comparative genomic hybridization in combination with flow cytometry improves results of cytogenetic analysis of spontaneous abortions. <i>American Journal of Human Genetics</i> . 66:1516-1521. See whole document.	1-23
A	Trask, B. <i>et al.</i> 1990. Quantification of the DNA content of structurally abnormal X chromosomes and X chromosome aneuploidy using high resolution bivariate flow karyotyping. <i>Cytometry</i> . 11:184-195. See whole document.	1-23

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000894

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	1997 014028	AU	73989/96	CA	2227895	EP	0852004
		US	5736330	US	5981180	US	6057107
		US	6449562	US	6524793	US	2004059519
WO	2002 040698	AU	37662/02				
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							